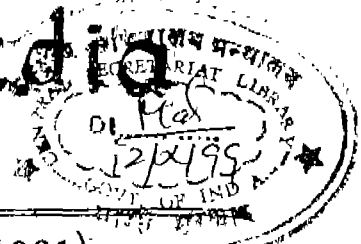


# भारत का राजपत्र

## The Gazette of India

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY



सं० 35] नई दिल्ली, शनिवार, अगस्त 28, 1999 (भाद्रपद 6, 1921)  
No. 35] NEW DELHI, SATURDAY, AUGUST 28, 1999 (BHADRA 6, 1921)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके  
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

### भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

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Calcutta, the 28th August 1999

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## एकसूत्र तथा अभिकल्प

कलकत्ता, दिनांक 28 अगस्त 1999

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोपी इस्टेट,

तीसरा तल, लोअर परगना (प.),

मुम्बई-400013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश,

तथा गोवा राज्य क्षेत्र एवं संघ

शासित क्षेत्र, दमन तथा दीव एवं

दावर और नगर हवेली ।

तार पता - "पेटेंटोफिस"

फोन 4825092 फैक्स : 022 4950 622

पेटेंट कार्यालय शाखा,

एकक सं. 401 से 405, तीसरा तल,

नगरपालिका बाजार भवन,

अन्सवली मार्ग, करैल बाग,

नई दिल्ली-110 005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू

तथा कश्मीर, पंजाब, राजस्थान,

उत्तर प्रदेश तथा दिल्ली राज्य

क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

तार पता - "पेटेंटोफिस"

फोन : 578 2532 फैक्स : 011 576 6204

पेटेंट कार्यालय शाखा,

ब्लॉक 'सी' (सी-4, ए),

तीसरा तल, राजाजी भवन,

बम्बैनगर, चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु

तथा पाण्डिचेरी राज्य क्षेत्र एवं

संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्काय

तथा एरिमान्दिब द्वीप ।

तार पता - "पेटेंटोफिस"

फोन : 490 1495 फैक्स : 044 490 1492

पेटेंट कार्यालय (प्रधान कार्यालय),

निजाम पैलेस, विष्णु वल्लभ कार्यालय

भवन, 5, 6 तथा 7वां तल,

234/4, आचार्य जगदीश बोस मार्ग,

कलकत्ता-700 020 ।

भारत का अवशेष क्षेत्र ।

तार पता - "पेटेंटोफिस"

फोन : 2474401 फैक्स : 033 247 3851

पेटेंट कार्यालय का कलकत्ता स्थित प्रधान कार्यालय पेटेंट महसूल संधि के अधीन अन्तरराष्ट्रीय आवेदनों के लिए रिसीविंग कार्यालय, इलैक्ट्रेड कार्यालय व डीपॉजिटरी कार्यालय है ।

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 1999 अथवा पेटेंट (संशोधन) नियम, 1972 द्वारा अपीकृत सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समर्पित कार्यालय में ही प्रेषण किये जायेंगे ।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान की अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है ।

APPLICATION FOR THE PATENT FILED AT THE  
HEAD OFFICE 234/4, ACHARYA JAGDISH BOSE  
ROAD, CALCUTTA-7000 020

The dated shown in the crescent brackets are the dated  
claimed under section 135, under Patent Act, 1970

01-07-1999

596/Cal/99. Johnson & Johnson Vision Products, Inc.,  
"Progressive addition lenses". (Convention No.  
09/126259 on 30-7-98 in U.S.A.).

597/Cal/99. Johnson & Johnson Vision Products, Inc.  
"Dynamically stabilized contact lenses". (Conven-  
tion No. 09/151928 on 10-8-98 in U.S.A.).

598/Cal/99. Mediteam Dentalutveckling I Goteborg AB.,  
"Preparation for dental treatment".

05-07-1999

599/Cal/99. Uni-Charm Corporation. "Sanitary napkin".  
(Convention No. 10-200380 on 15-7-98 in Japan).

600/Cal/99. Metallgesellschaft Aktiengesellschaft, "Process  
of removing relatively coarse-grained solids from  
a stationary fluidized bed". (Convention No.  
19830697.0 on 8-7-98 in Germany).

601/Cal/99. Clariant GmbH, "Use of aluminum AZO com-  
plex dyes as charge control agents". (Conven-  
tion No. 19832371.9 on 18-7-98 in Germany).

06-07-1999

602/Cal/99. ABB Patent GmbH, "Turbomachine with  
mechanical seals" (Convention No. 19831988.6  
on 16-7-98 in Germany).

07-07-1999

603/Cal/99. Samsung Electronics Co. Ltd., "Disc accommo-  
dating adapter and a method and apparatus for  
driving the same". (Convention No. 98-28661 on  
15-07-1998, 98-37103 on 09-09-1998, 08-41974 on  
08-10-1998, 98-47822 on 08-11-1998 in Republic  
of Korea).

604/Cal/99. Samsung Electronics Co. Ltd., "Device and  
method for cancelling code interference in  
CDMA communication system". (Convention No.  
27736/1998 on 7-7-98 in Korea).

605/Cal/99. Samsung Electronics Co. Ltd., "Method for  
searching cells in mobile communication system".  
(Convention No. 27245/1998 on 7-7-1998 in  
Korea).



08-07-1998

- 606/Cal/99. D&PL Technology Holding Corporation, "Method for rapidly introducing genes into germ-plasm". (Convention No. 09/116,571 on 16-7-98 in U.S.A.).
- 607/Cal/99. Krupp Vdm GmbH, "Oxidation resistant metal foil". (Convention No. 19834552.6 on 31-7-98 in Germany).
- 608/Cal/99. Prasad Gaurav, "Cooling device for vehicles and normal use".

09-07-1998

- 609/Cal/99. Mondal Dr. Subhash Chandra; Pal Dr. (Mrs.) Manjusree and Saha Dr. Bishnu Pada, "A method for the preparation of pentacyclic triterpenoid and its derivatives".
- 610/Cal/99. American Cyanamid Company and Nihon Nohyaku Company Limited, "A process for preparing fungicidal compositions for paddy-rice plants". (Convention No. 10-195648 on 10-7-98 in Japan).
- 611/Cal/99. American Cyanamid Company and Nihon Nohyaku Company Limited, "Fungicidal compositions for paddy-rice plants". (Convention No. 10-195648 on 10-7-98 in Japan).
- 612/Cal/99. Asta Medica Aktiengesellschaft, "Lobaplatin trihydrate". (Convention No. 4415263.9 on 15-4-94 in Germany).

09-07-1999

- 613/Cal/99. Asta Medica AG, "Immobilized and activity-stabilized complexes of lhrh antagonists and processes for their preparation". (Convention No. 19712718.5 on 26-3-97 in Germany).
- 614/Cal/99. Zellweger Uster Inc., "Subsampling fiber testing system".
- 615/Cal/99. Zellweger Uster Inc., "Fiber strength testing system".
- 616/Cal/99. Zellweger Uster Inc., "Gin process control".

## ALTERATION OF DATES UNDER SECTION 16

182998

(275/Cal/95) Antidated to 19th November, 1990.

## COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

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Printed copies of the specification and drawings, if any, can be supplied by the Patent Office or its branch offices on payment of prescribed charges of Rs. 30/- each.

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## स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि संबंध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसके निर्गम की तिथि में चार (4) महीने या अधिक ऐसी अवधि जो उक्त चार (4) महीने की अवधि को समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी निबंधक एकत्र को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य से प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाइल कर दिये जाने चाहिए।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुक्रम हैं।

विनिर्देश तथा चित्र आदेश, यदि कोई हो, की वीकल प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित 30/- रुपये प्रति की अवसंधी पर की जा सकती है।

ऐसी परिस्थिति में जब विनिर्देश की वीकल प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आदेश, यदि कोई हो, की वीकल प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित प्रत्येक प्ररूप उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अवसंधी पर की जा सकती है।

Ind. Cl. : 189 Gr [LIV(9)].

183031

Int. Cl. : A 61 K-7/40; 7/48.

A PROCESS FOR THE PREPARATION OF COSMETIC COMPOSITION EFFECTIVE AGAINST PIMPLES AND REDNESS.

Applicant : HINDUSTAN LEVER LIMITED OF HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA. A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913.

Inventors :

1. CRAIG STEVEN SLAVTCHOFF.
2. STEPHEN ROY BARROW.
3. VISPI DORAB KANGA.
4. MICHAEL CHARLES CHENEY.
5. ALEXANDER ZNAIDEN.



Patent Application No. 353/Bom/94 filed on 03-08-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

### 10 Claims

1. A process for the preparation of a cosmetic composition which comprises admixing—

- (i) from 0.1 to 10% of at least one keratolytic agents comprising  $C_7$ - $C_{40}$   $\beta$ -hydroxy carboxylic acids and their salts,  $C_7$ - $C_{25}$   $\alpha$ -hydroxy carboxylic acids and their salts and mixtures thereof, with
- (ii) from 0.0001 to 5% by weight each of an anti-irritancy agent combination which comprises :
  - (a) a water-soluble anti-irritancy material which is a  $C_{20}$ - $C_{100}$  saponin; and
  - (b) a water-insoluble anti-irritancy agent comprising one or more  $C_7$ - $C_{30}$  polycyclic polyenes,  $C_{15}$ - $C_{31}$  triterpenes and mixtures thereof.

the water-soluble and water-insoluble anti-irritancy agents being present in a relative weight ratio from about 20:1 to 1:20; and

- (iii) from 1 to 99.9% by weight of a cosmetically acceptable carrier.

(Compl. Specn. : 23 pages;

Drwgs. : nil)

Ind. Cl. : 6 A 1 Gr. [XLVII(1)].

183032

Int. Cl. : F 04 B-45/04.

### A DIAPHRAGM TYPE COMPRESSOR.

Applicants : KURKUTE BROTHERS PRIVATE LTD. 9/1394, 'BHAGYASHREE', OPP. DECCAN CO-OP. SPINNING MILLS, JAWAHAR NAGAR, ICHALKARANJI-416 117, KOLHAPUR DIST., MAHARASHTRA, INDIA. A PRIVATE LIMITED COMPANY DULY REGISTERED UNDER COMPANIES ACT.

Inventor : SANJAY KURKUTE.

Application No. 470/Bom/94 filed on 29-09-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

### 1 Claim

1. A Diaphragm type compressor comprising a closed housing for a compressor and a motor; connecting rod big end mounted is on the crank of the main shaft to accomplish reciprocating movement; top portion of the said housing having a diaphragm securedly held against a valve plate with a small space of 3 mm to 10 mm in between; other end of connecting rod fixed to the said diaphragm; said valve plate having two reed valves, one to allow air in the said space and other to deliver compressed air to outlet through closed cavity over the said second reed valve.

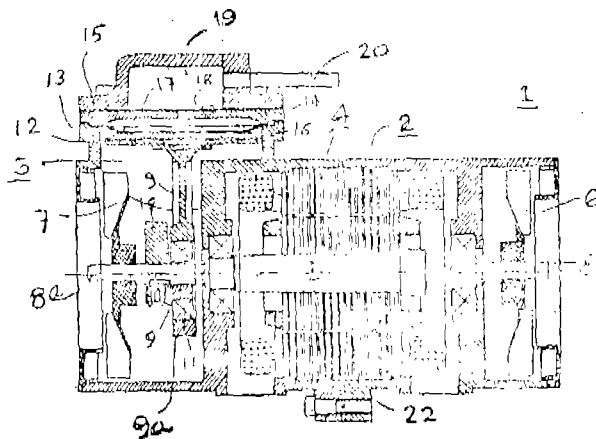


FIG 1

(Compl. Specn. : 5 pages;

Drwgs. : 1 sheet)

Ind. Cl. : 55E<sub>2</sub>+E<sub>4</sub> Gr. [XIX(1)]

183033

Int. Cl. : A 61 K-39/15

### A PROCESS OF PREPARING REUTERIN ANTIBIOTIC.

Applicant & Inventor : ASHOK PATIL 310, DHOOT CENTRE, STATION ROAD, P. B. NO. 120, AHMEDNAGAR-404001, MAHARASHTRA, INDIA. AN INDIAN NATIONAL.

Patent Application No. 158/Bom/97 filed on 14-03-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

### 3 Claims

The Process of preparing Reuterin Antibiotic Comprising :

(i) identifying Lactobacillus reuteri isolates that produce beta-hydroxypropionaldehyde or dimers thereof by the steps of :

- (a) Inoculating a suspension of microorganisms on a solid Lactobacillus growth medium whereby the medium being made highly selective for Lactobacilli by adding sodium acetate and adjusting the medium PH to 5.5;
- (b) Incubating said inoculated growth medium preferably at a temperature of 37 degrees C for 48 hours at a reduced oxygen tension to promote growth of Lactobacillus;
- (c) Replicating the said Lactobacillus so grown above;
- (d) Overlaying the said inoculated growth medium with a liquified semisolid mixture containing a suspension of Lactobacillus plantarum and a carbon source selected from the group consisting of glycerol and glyceraldehyde, glycerol;
- (e) Incubating the said overlaid inoculated medium; and
- (f) finally identifying in situ those Lactobacillus that produce the antimicrobial by detecting zones of growth inhibition surrounding said Lactobacillus.

(ii) Placing said Lactobacillus reuteri isolates cells preferably in the presence of glycerol and/or glyceraldehyde and a reduced oxygen tension especially in the presence of glycerol in a concentration of 20-500 MM and

(iii) Incubating the Lactobacillus reuteri cells at 37 degrees C in still culture and possibly in the presence of heterologous microbes in the still culture whereafter the antibiotic being so produced to isolated in a substantially pure form.

(Compl. Specn. 29 Pages;

Drgs. 12 Sheets.)

Ind. Cl. : 55 E1 Gr [XIX(1)]

183034

Int. Cl. : A 61 K-39/07; 39/15

### A PROCESS OF PREPARING THE THERAPEUTIC PREPARATIONS FOR REDUCTION OF ACUTE DIARRHOEA SYMPTOMS OR FOR STOPPING DEHYDRATION OF MAMMALS AND IN PARTICULAR YOUNG PATIENTS.

Applicant & Inventor : ASHOK PATIL, AN INDIAN NATIONAL AT 310, DHOOT CENTRE, STATION ROAD, P. B. NO. 120, AHMEDNAGAR-414001, MAHARASHTRA, INDIA.

Patent Application No. 159/Bom/97 filed on 14-03-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.



#### 4 Claims

- (i) selecting a strain of *Lactobacillus reuteri* from the mammal group strain.
- (ii) isolating said strain from the said group;
- (iii) lyophilizing at least one aliquote of cells of the strain containing about  $10^7$ - $10^{10}$  cells.
- (iv) suspending said lyophilized cells in a carrier medium such as herein described suitable for administration to the mammals.

Drgs. 4 Sheets)

183035

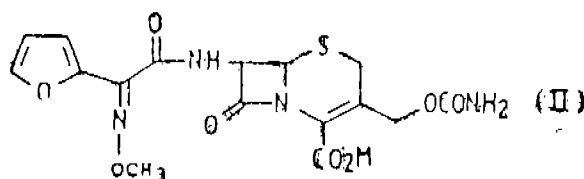
## 5 Claims

- (i) growing *Lactobacillus reuteri* cells,
- (ii) harvesting and concentrating said *L. reuteri* cells & finally lyophilizing the same.
- (iii) then suspending the said *L. reuteri* cells in a carrier medium in the ratio equal to an amount of  $10^8$ - $10^{10}$  cells per ml in 100 ml carrier medium and,
- (iv) preferably diluted by fluid medium fit for oral admission.

Drgs. 1 Sheet.)

183036

KWANG-HYUK LEE.  
YONG SIK YOUN.  
KWANG DO CHOI.

COC(=O)N=C(c1ccccc1)C(=O)Nc2nc(=O)[nH]c2SCC(=O)OCC(=O)C(C)C (I)

Drgs. Nil.)

183037

## 1 Claim

Drgs. Nil.)

183038

**Applicants : HINDUSTAN LEVER LIMITED, HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.**



## Inventors :

- (1) DONALD REGINARLD BIGGS (BRITISH).  
(2) JOHANNES KRIEG (DUTCH).

Application No. 485/Bom/97 filed on 18-08-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch Mumbai-400 013.

## 7 Claims

A process for producing a shaped wafer comprising the steps of :

- (a) softening the wafer by using infra-red radiation;  
(b) shaping the softened wafer into the desired form; and  
(c) cooling the wafer.

Compl. Specn. 8 Pages;

Digs. Nil.

Ind. Cl. : 55 E4

183039

Int. Cl. : A-61K, 31/06

PROCESS FOR PREPARING O-(3-AMINO-2-HYDROXY-PROPYL) HYDROXYMILIC ACID HALIDES.

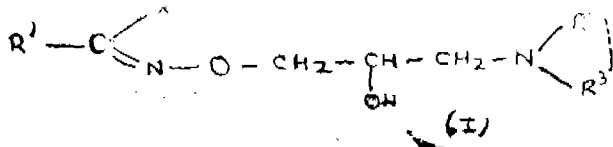
Applicants & Inventors : BIOREX KUTATO ES FEJLESTO RT VESPREMSZABADSAGI'URSZA, HUNGARY.

Application No. 200/Bom/98 filed on April 02, 1998.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

## 2 Claims

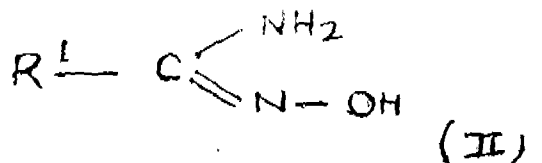
1. A process for preparing O-(amino-2-hydroxy-propyl)-hydroxymilic acid halides of formula I



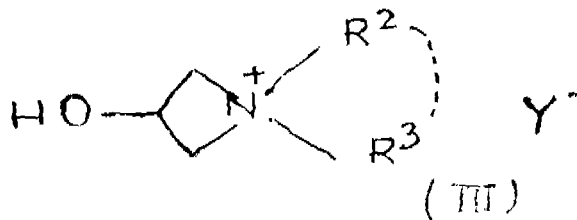
wherein  $R^1$  is phenyl, or pyridyl or thienyl or substituted phenyl, wherein the one or more substituents may be halo and/or haloalkyl and/or nitro, X is also halo,

$R^2$  and  $R^3$  are independently from each other straight or branched lower alkyl or  $R^2$  and  $R^3$  together with the nitrogen connecting thereto form a 5 to 7 membered saturated heterocyclic group which may contain additional hetero atom and may be substituted, and the acid addition salts and optically active forms thereof by

- (i) reacting a carboxamide oxamic of formula II



with a 3 hydroxy acetidinium salt of the formula III



where  $R^2$  and  $R^3$  are as defined above and  $Y^-$  is a salt forming anion in a basic alcoholic medium;

- (ii) neutralizing the mixture and removing the organic solvent,  
(iii) reacting the residue with sodium nitrite in aqueous medium in presence of hydrochloric acid,  
(iv) decomposing the diazonium salt and if desired, separating the optically active enantiomers and/or; thus obtained; and  
(v) isolating the crude product of Formula I from the mixture and;  
(vi) purifying the crude product by recrystallization in a known manner.

Compl. Specn. 14 Pages;

Digs. Nil.

Ind. Cl. : 83 A1 Gr [XIV (5)]

183040

Int. Cl. : A 23J-1/14.

THE PROCESS OF EXTRACTION SOY PROTEIN CONCENTRATE FROM DEFATTED SOYBEAN FLAKES.

Applicants : SONIC BIOCHEM EXTRACTIONS PVT. LTD; A PRIVATE LIMITED COMPANY UNDER INDIAN COMPANIES ACT, 1956 HAVING ITS OFFICE AT 38, PATEL NAGAR, INDORE, MADHYA PRADESH, PIN-452001, INDIA.

## Inventors :

1. SHRIKISHAN CHOITHRAM MATLANI.  
2. GIRISH SHRIKISHAN MATLANI.

Patent Application No. 533/Bom/98 filed on 20-08-98.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400013.

## 9 Claims

A process of manufacturing bland, defatted substantially flavourless and odour free vegetable protein concentrate comprising :

- (a) Extracting defatted vegetable protein Soy-flakes with an aqueous alcohol to dissolve the soluble carbohydrates, sugar and the like;  
(b) Stirring continuously for homogenising the mixture of step (a) while maintaining temperature below 70 degree celcius;  
(c) The hogenise mixture of step (b) is centrifuged to separate soluble sugar, ash, carbohydrates from insoluble protein polysaccharides;  
(d) Separating soluble carbohydrates, sugar by decanting.  
(e) Slowly desolventing the alcohol extracted vegetable protein concentrate in a humid gas atmosphere at a relatively low gas temperature of less than 80 degree celcius for about 1-6 hours;  
(f) Drying the soy-protein concentrate at a temperature 55-70 degree celcius in fluidised bed dryer.

Compl. Specn. 12 Pages;

Digs. 1 Sheet.



Ind. Cl. : 143 D2, D4 Gr. [XL(5)]

183041

Int. Cl. : B 65 B-99/04.

A PACKAGE COMPRISING A CHAMBER ADAPTED TO CONTAIN A FLOWABLE OR FUSIBLE MATERIAL.

Applicants : HINDUSTAN LEVER LIMITED OF HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA. AN INDIAN COMPANY.

Inventors :

1. CRAIG SUTHERLAND MCLEAN.
2. JAN KUIPERS.

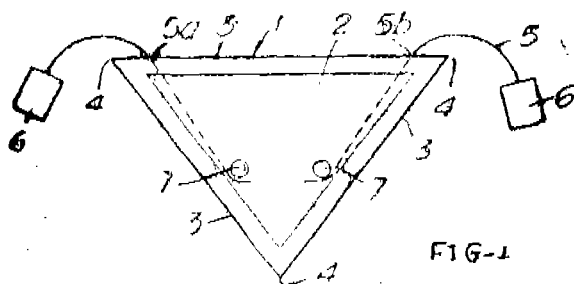
Patent Application No. 489/Bom/94 filed on 11-10-94.

G. B. Priorities Dated 12-10-93 &amp; 8-11-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, Mumbai-400 020

11 Claims

A package comprising a chamber adapted to contain a flowable and fusible material, said package being defined by at least two panels of a porous material and at least three sides, and having a drawstring that passes out of said chamber but a first exit point and a set exist point and spot welds which constrain said drawstring adjacent to at least two of said sides by sandwiching the said drawstring between said spot welds and the adjacent side, the arrangement being such that pulling the ends of the drawstring in substantially opposite directions causes the drawstring to move relative to the sides it engages thus allowing the package to collapse.



(Compl. Specn. 11 pages;

Drwgs. 2 sheets)

Ind. Cl. : 44 Gr [XII (4)]

183042

Int. Cl. : G 04 C-1/02.

HIGH RESOLUTION, REMOTELY RESETTABLE TIME CLOCK.

Applicant & Inventor : MADHAV NARHAR DAMLE ENGINEER AT 100-25 AUFENS BOULEVARD FOREST HILLS, NEW YORK 11375, U.S.A. AN INDIAN NATIONAL.

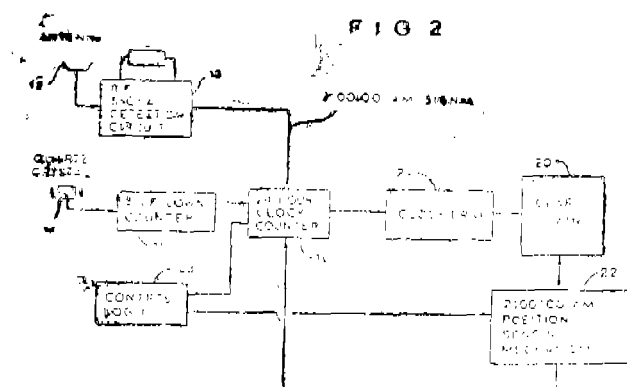
Patent Application No. 509/Bom/94 filed on 26-10-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

3 Claims

High resolution, remotely resettable time clock is an analogue clock comprising a second hand 17, minute hand 18, hour hand 19 connected through a gear train mechanism 20; there is provided quartz crystal Oscillator 14 which is connected through a step down counter 15 to 24 hour clock counted receiving signals from antenna 12 through RF signal detection circuit 13; a 92.00 a.m. position sensing mechanism coupled to gear train 20, a control logic 23 receives

input from said position sensing mechanism 22 from the said clock counter 15 and from the RF signal 13.



(Compl. Specn. 27 pages;

Drwgs. 10 sheets)

Ind. Cl. : 189 Gr. [LXVI (9)]

183043

Int. Cl. : A 61 K-7/16.

A METHOD OF PREPARING A DENTIFRICE.

Applicants : HINDUSTAN LEVER LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors :

1. ORNELLA BAI
2. LEWIS P. CANCRO.
3. NUNCIATINO RAVIDA.
4. ROBERTO TRAVERSI.
5. PETER GEORGE VERNON.

Patent Application No. 511/Bom/94 filed on 26-10-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

3 Claims

A method of preparing a dentifrice with improved anti-microbial release and storage stability properties which comprises admixing - (a) 0.1-3% by weight of an anti-microbial agent, (b) 5-60% by weight of an abrasive cleaning agent, (c) 1-15% by weight of sodium bicarbonate, and (d) 10-85% of glycerol, (all percentages based on the total dentifrice composition).

(Compl. Specn. 11 pages;

Drwgs. Nil)

Ind. Cl. : 40 C, E, F. Gr [IV (1)]

183044

Int. Cl. : B 01 D-13/00.

A LIQUID-LIQUID EXTRACTION OF A SOLUTE FROM THE SOLUTION.

Applicant & Inventors : SHANTANU ANIL NETKE, & VISHWAS GOVIND PANNGARKAR BOTH INDIAN NATIONALS OF DEPARTMENT OF CHEMICAL TECHNOLOGY UNIVERSITY OF BOMBAY, MATUNGA, MUMBAI-400 019, MAHARASHTRA, INDIA.

Patent Application No. 571/Bom/94 with Provisional Specification filed on 30-11-94.

Complete after Provisional Specification filed on 27-2-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.



## 4 Claims

A process for a liquid-liquid extraction of a solute such as naphthemic acid from the solution such as herein described comprising providing a solute solution in one vessel of a H type extraction device, providing the solvent into the other vessel of the said device, and providing non porous elastomeric membrane between said solutions at the desired temperature and pressure such that said membrane is not damaged and/or degraded.

(Prov. Specn. 4 pages;

Drwngs. Nil.)

(Compl. Specn. 7 pages;

Drwngs. Nil.)

Ind. Cl. : 170 A Gr [XLIII (4)]

183045

Int. Cl. : C 11 D-10/02.

## A DETERGENT COMPOSITION.

Applicant : HINDUSTAN LEVER LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 AND HAVING ITS REGISTERED OFFICE AT HINDUSTAN LEVER HOUSE, 165-166, BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors :

1. VEDANTAM VENKATESWARA KUMAR.
2. AMRAT PAL SINGH.

Patent Application No. 652/Bom/94 with provisional specification filed on 29-12-94.

Complete after provisional specification filed on: 20-12-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 020.

## 12 Claims

## 1. A detergent composition comprising :

- (a) from 5 to 60 wt% of organic surfactant.
- (b) from 1 to 50 wt% of inorganic builder.
- (c) optionally from 5 to 30 wt% of a bleach system.
- (d) optionally from 10 to 75 wt% of a filler.
- (e) an amount effective to improve detergency in the range of from 0.1 to 10 wt% of a hydrophobic block copolymer of polyethylene oxide and polypropylene oxide.
- (f) optionally up to 10 wt% of minor components selected from supplementary builders, powder or bar structurants, fluorescers, enzymes, foam control agents, foam enhancers, soil release agents, perfumes and colouring agents.

(Prov Specn. 8 pages;

Drngs. Nil.)

(Compl. Specn. 11 pages;

Drng. 1 sheet)

Ind. Cl. : 164 C II (3)

183046

Int. Cl. : C 02 F 11/10, 11/12.

A PROCESS FOR TREATMENT OF SPENT WASH IN DISTILLERIES OR THE LIKE TO ACCOMPLISH ZERO EFFLUENT DISCHARGE RESULTING IN A COMBUSTIBLE PRODUCT TO BE USED AS A FUEL AND A PLANT THEREFORE.

Applicant : CONSAFE SCIENCE (INDIA) PVT. LTD. "SUREKH", 1117 NARGIS DATTA LANE, UNIVERSITY ROAD, PUNE-411 016, MAHARASHTRA, INDIA.

Inventors :

1. CHAINSUKH SOBHACHAND GANDHI.
2. NAGESH GOPAL WALAME.

Application No. 47/Bom/95 dated 31-1-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 020

## 16 Claims

1. A process for treatment of spent-wash produced in distilleries to accomplish zero effluent discharge comprising the steps of receiving the spent-wash from the distilleries or the like and clarifying to separate settling solids, and passing the stream 5% or thereabout of total spent-wash received, directly to filtration equipment;

preheating spent-wash and continuously feeding to a reactor, either as such or after adjusting the COD by preconcentration and adjusting of pH between 1 to 7;

coagulation or thermal degradation to convert maximum COD to coalified product;

continuous removal of slurry from the reactor and flashing to remove flash acidic water vapore, which can be used in various equipment for heating; ;

solid liquid separation to separate solids from the slurry; and storing and recycling of received filtrate after mixing with desired molasses and balancing water, condensate from various locations in the plant as such or after separation of hot thickened solids slurry to spent wash receiving tank.

(Compl. Specn. 19 pages,

Drwng 1 sheet.)

Ind. Cl. : 69 [LIX (II)]

183047

Int. Cl. : H 01 H 36/00.

## NON-CONTACT TYPE CENTRIFUGAL SWITCH USING MAGNETIC FLUID.

Applicant : BHAVNAGAR UNIVERSITY, GAURISHANAKER LAKE ROAD, BHAVNAGAR-364002, GUJARAT, AN INDIAN UNIVERSITY, INDIA.

Inventors :

1. PROF. R. V. MEHTA.
2. DR. R. V. UPADHYAY.
3. DR. S. P. BHATNAGAR.
4. MR. RAJESH P. BHATT.

Application No. 65/Bom/95 filed on 13-2-95 & Complete Specification filed after Provisional Specification on 13-5-96.

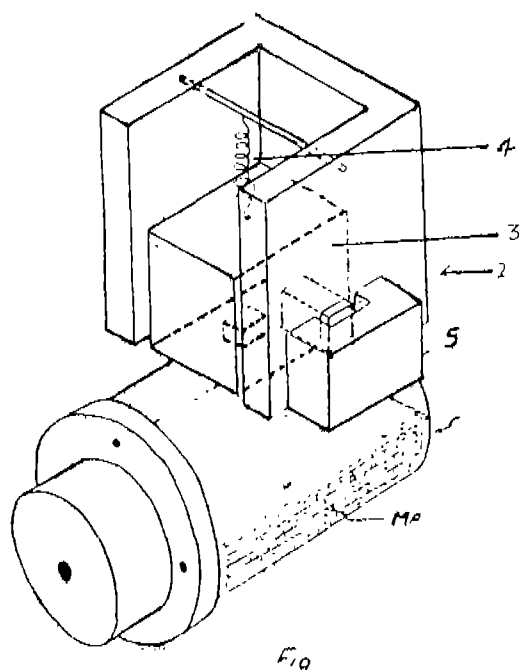
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 020

## 5 Claims

A non-contact type explosive insensitive centrifugal switch comprising a vessel having a magnetic fluid disposed therein and adapted to be connected with the shaft of a motor, an electromagnetic sensor being provided over said vessel such that the displacement of the electromagnet of said sen-



ser in the direction of the vessel being converted into a switching action by a switching element of said electromagnetic sensor.



(Prov. Specn. 2 pages;  
(Compl. Specn. 8 pages;

Drwg. Nil.)  
Drwgs. 2 sheets)

Ind. Cl. : 136C E.

183048

Int. Cl. : B 29 C 45/17, 47/08.

#### A PLASTIC INJECTION MOULDING MACHINE.

Applicants PRAKASH KRISHNA RATNAPARKHI, ELEKTRA HOUSE, 691/1A, PUNE SATARA ROAD, PUNE-411 037, MAHARASHTRA, INDIA.

Inventor : PRAKASH KRISHNA RATNAPARKHI.

Application No. 75/Bom/95 filed on 16-2-95.

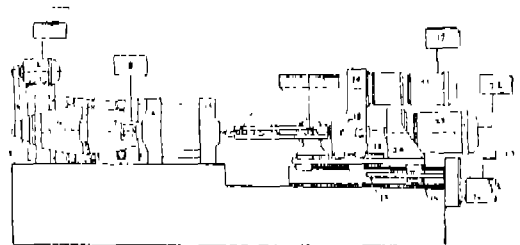
Complete after Provisional Left on 15-5-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

#### 5 Claims

A plastic injection moulding extrusion machine, consisting of an injection assembly including a barrel housing a screw mechanism and a heater mechanism, said barrel defining a nozzle at one end; electrically operated means for driving the screw assembly for refilling the barrel with material to be plasticised and injected into a mould of an injection moulding machine or a die of an extrusion machine, electrically operated means to drive the injection assembly towards the mould or the die respectively to mate the nozzle of the barrel with an aperture in the mould or the die and means to inject the material plasticised in the barrel via the nozzle and the aperture into the mould or the die, characterised in that (i) said means for driving the screw assembly for refilling the barrel, (ii) said means to drive the injection assembly towards the mould or the die and (iii) the said means to inject the material plasticised in the barrel into the mould or the die are respectively each an alternating current asynchronous motor fitted with an encoder and driven by a pulse width modulated (PWM) variable frequency current loop amplifier with Vector control Signals; the machine further includes a clamping assembly having two halves of a mould comprising a moving platen and a stationary platen, means

to cyclically bring the moving platen and the stationary platen together and means to hold the two platens together with force, the stationary platen having aperture through which plasticised material can be introduced into the mould; characterised in that the means to cyclically bring the moving platen and the stationary platen together and means to hold the two platens together with force is an alternating current synchronous motor fitted with an encoder and driven by a pulse width modulated (PWM) variable frequency current loop amplifier with Vector Control Signals.



(Prov. Specn. 6 Pages;

Drwg. 1 sheet)

(Compl. Specn. 20 pages;

Drwgs. 6 sheets)

Ind. Cl. : 32 F 3 (C).

183049

Int. Cl. : C 07 C 33/20.

#### AN IMPROVED PROCESS FOR THE PREPARATION OF DIMETHYL BENZYL CARBINOL i.e. 2-METHYL-1-PHENYL-2-PROPANOL FROM ISOBUTYL BENZENE.

Applicant : HERDILLIA CHEMICALS LIMITED, THANE BELAPUR ROAD, NEW BOMBAY-400 705, MAHARASHTRA, STATE, INDIA.

Inventors :

1. BANSIDHAR WASUDEO SHENDE.
2. SANJAY PRABHAKAR BALGAONKAR.
3. PIYUSH BALKRISHNA SHAH.

Applicant No. : 237/Bom/95 filed on 26-5-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office Branch, Mumbai-400 013.

#### 20 Claims

1. An improved process for the preparation of 2-methyl-1-phenyl-2-propanol of the formula 1 of the drawing accompanying this specification from Isobutyl benzene of the formula 2, which comprises.

(i) oxidising isobutyl benzene by heating at a temperature in the range of 100 to 150 degree C, pH in the range of 5 to 7, maintaining the content of water in the reaction mixture in the range of 1 to 10% w/w, pressure in the range of 1 to 50 kg/sqcm (a), maintaining the reaction mixture at acidic conditions and the space velocity of air in the range of 0.5 to 5 cm/sec, to yield a mixture containing major proportion of 2-methyl-1-phenyl-2-propyl hydroperoxide of the formula 6, and 2-methyl-1-phenyl-1-propyl hydroperoxide of the formula 5, and a minor proportion of 2-methyl-1-phenyl-1-propanone of the formula 4.

(ii) reducing the mixture obtained in step (i) using a reducing agent and heating at a temperature in the range of 30 to 100 degree C, pH in the range of 6 to 14 to yield a mixture containing 2-methyl-1-phenyl-2-propanol of the formula 1, 2-methyl-1-phenyl-1-propanol of the formula 3, and 2-methyl-1-propanone of the formula 4.

(iii) converting the 2-methyl-1-phenyl-1-propanone of the formula 4, present in the mixture obtained in step (ii) to 2-methyl-1-phenyl-1-propanol of the formula 3, by conventional process, such as herein described.



(iv) separating the 2-methyl-1-phenyl-2-propanol of the formula 1, from mixture obtained in step (iii) by conventional process, such as herein described.

(v) converting the 2-methyl-1-phenyl-1-propanol of the formula 3, present in the mixture resulting after step (iv) to 2-methyl-1-phenyl-2-propanol of the formula 1 by following steps.

(a) first dehydrating 2-methyl-1-propanol of the formula 3 by conventional processes such as herein described to yield 2-methyl-2-propenyl benzene; and

(b) rehydrating the 2-methyl-2-propenyl benzene by conventional processes such as herein described to yield further quantities of 2-methyl-1-phenyl-2-propanol of the formula 1.

(Compl. Specn. : 38 pages;

Drwgs. : 1 sheet)

Ind. Cl. : 130 F.

183050

Int. Cl. : C 22 B, 4/06.

**PROCESS OF PREPARATION—A NEW LI-CD FERRITE COMPOSITION WHICH EXHIBITS ELECTRICAL SWITCHING AT ROOM TEMPERATURE.**

Applicants & Inventors : DR. M. S. SAGARE, PRINCIPAL, BHARATI VIDYAPEETH'S ARTS, SCIENCE & COMMERCE COLLEGE, SANGLI-416416 (MAHARASHTRA) & DR. A. S. VAINGANKAR READER IN ELECTRONICS, PHYSICS DEPT. SHIVAJI UNIVERSITY, LOLHAPUR, MAHARASHTRA.

Application No. 256/Bom/1995 filed June 5, 1995.

Complete after provisional left October 9, 1995.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-400 013.

#### 1 Claim

The process of preparing a new Li-Cd ferrite composition which exhibits electrical switching (CCNR type) at room temperature comprising mixing stoichiometric amount of precursors-Fe<sub>2</sub>O<sub>3</sub>, Li<sub>2</sub>CO<sub>3</sub> and Cd CO<sub>3</sub> as -

1. Calcination,
2. Grinding,
3. Pre-sintering of dry mixture at 500°C for 12 hours,
4. Cooling down,
5. Repetition of above 1 and 2 steps,
6. Sintering of the same mixture at 99°C for 24 hours,
7. Powdering the mixture with acetone base,
8. Formation of pellets using PVA as a binder, and
9. Final sintering of pellets at 950°C for 10 hours.

(Compl Specn. : 8 pages;

Drwgs. : nil)

Ind. Cl. : 170A

183051

Ind. Cl. : C11D 1/00

**AN IMPROVED PROCESS FOR MANUFACTURING A LINEAR GLUCAMIDE SURFACTANT.**

Applicant : THE PROCTER & GAMBLE CO., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO 45202, UNITED STATES OF AMERICA.

Inventors :

DANIEL STEDMAN CONNOR (USA).

JEFFREY JOHN SCHEIBEL (USA).

IU NAN KAO (USA).

Kind of Application Complete.

Application for Patent No. 926/Del 91 filed on 26th September, 91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-5.

#### 6 Claims

An improved process for manufacturing a linear glucamide surfactant having a linear structure comprising reacting an N-alkylglucamine having a heavy metal content of 20 ppm or lower and a free sugar content of 5 ppm or lower with a fatty acid ester reactant in a reaction medium and adding a phase transfer agent which is an alcohol polyethoxylate or alkyl phenol polyethoxylate surfactant to said reaction medium optionally in the presence of an alkaline catalyst, whereby the formation of the glucamide surfactant having said linear structure is 30 mole percent or higher and the formation of cyclic glucamide or esteramide by products is 10 mole percent or lower.

Agent : Lalji Lahiri & Salhotra.

(Compl. Specn. 30 Pages;

Drws. Nil Sheet)

Ind. Cl. : 167 C

183052

Int. Cl. : B07B 9/02

**AN APPARATUS FOR PROVIDING A FLUIDIZED BED OF UNIFORM DENSITY MEDIUM.**

Applicant : CAMAS INTERNATIONAL, INC IDAHO STATE UNIVERSITY, BUSINESS TECHNOLOGY CENTRE, 1615ALVIN RICKEN DRIVE, POCATELLO, ID 83201, USA.

Inventor : ARTHUR ZALTZMAN (USA).

Kind of Application : Complete.

Application for Patent No. 984/Del/91 filed on 10-10-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

#### 20 Claims

An apparatus for providing a fluidized bed of uniform density comprising :

at least one channelization means having input and output ends and otherwise enclosed along the length of the sides and bottom thereof so as to form a continuous channel for containing a fluidized bed flowing under the influence of gravity from said input end to said output end;

medium feed means for supplying to said input end of said channelization means a fluidization medium from which to create the fluidized bed in said channelization means;

pneumatic means for forcing the gas upwardly through said fluidization medium in said channelization means to create from said fluidization medium a fluidized bed; and

vertical oscillation means for imparting to said channelization means a vertical oscillatory movement of selected frequency.

Agent : The Amme Co.

(Compl. Specn. 27 Pages;

Drws. 7 Sheets)



Ind. Cl. 194 B

183053

Int. Cl.<sup>4</sup> : B 28 D 5/00

AN IMPROVED PROCESS FOR THE PRODUCTION OF THIN SEMICONDUCTOR DEVICES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110001, INDIA.

Inventors :

IFTEKHAR AHMAD, INDIAN.

SHAMIM AHMAD, INDIAN.

Kind of Application : Provisional—Complete.

Application for Patent No. 265/Del/92 filed on 25-3-92. Complete left after Provisional specification on 7-5-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Branch, New Delhi-110 005

#### 4 Claims

An improved process for the production of thin semiconductor devices which comprises metallizing epitaxial layer of wafer using metals such as platinum-gold, chromium-platinum-gold or titanium-platinum-gold, forming a heatsink pad by electroplating of thickness ranging from 10 to 20 micron on the said metallized surface of active epitaxial layer side of the wafer, flattening the said heatsink pad tops by mounting the said semiconductor wafer on a optically flat glass surface on the substrate side followed by lapping conventional methods, then etching the metallization layers and underlying semiconductor to a depth atleast 0.01  $\mu$  in from those areas other than those under the pads, metallizing with thin layers of combination of metals such as titanium and gold followed by blanket deposition of sacrificial metal layer of silver on the entire wafer to a thickness of 80 to 100 microns, flattening the said sacrificial metal layer parallel to substrate surface by known fine lapping powder, then thinning the substrate using lapping and polishing followed by final polishing using 0.1 micron diamond paste till peripheries of heat sink pads start appearing, light etching of semiconductor down to 1 to 2 micrometer to get semiconductor devices.

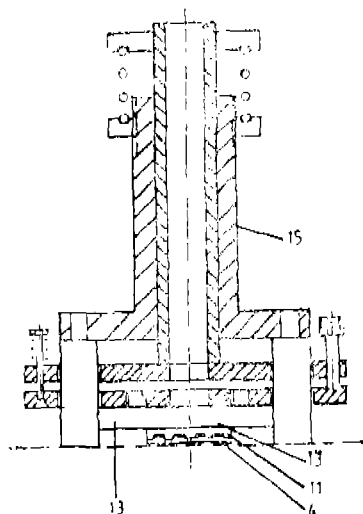


Fig. E

(Provl. Specn. 8 Pages;  
(Compl. Specn. 12 Pages;

Drgs. 1 Sheet)  
Drgs. 1 Sheet)

Ind. Cl. 32 F3b, 55E21E1

183054

Int. Cl.<sup>4</sup> : A 61 K 31/33

A PROCESS FOR THE PREPARATION OF NOVEL 1, 4-DIHYDRO-4 (SUBSTITUTED ARYL) 3, 5-di-N-ALKYL/DIALKYL CARBAMOYL PYRIDINES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110001, INDIA. AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

YENNU SANGIAH SADANANDAM, INDIAN.

MEERA MANJAYA SHETTY, INDIAN.

PAAGANTY LEE LAVATHI, INDIAN.

Kind of Application : Provisional Complete.

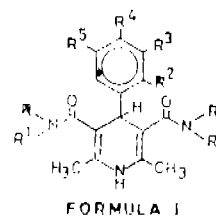
Application for Patent No. 1090/Del/1992 filed on 23rd Nov. 92.

Complete left after Provisional specification filed on 09-03 93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

#### 5 Claims

A process for the preparation of a novel 1, 4, dihydro-2, 6-dimethyl-4-(substituted aryl)-3,5-di-N-alkyl dialkyl carbamoyl pyridines of the general formula I

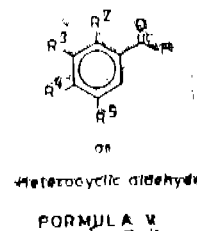


where

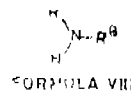
R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup> & R<sup>5</sup> denote hydrogen, halogen, trifluoromethyl, hydroxy, nitro, alkoxy or alkylene dioxy groups containing 1 to 6 carbon atoms, R & R<sup>1</sup> denote Hydrogen, or alkyl, dialkyl groups of 1 to 6 carbon atoms which comprises condensing N-alkyl acetoacetamides having the general formula IV



where R & R<sup>1</sup> have the meanings given above with corresponding aromatic or heterocyclic aldehyde of the formula V



and ammonia or aromatic amine or aralkylamines of the formula VIII



WHERE N-R<sup>2</sup> denotes hydrogen, alkyl aryl or aralkyl amine in a organic solvent such as lower aliphatic alcohol.

(Provl. Specn. 10 Pages;

Drgs. 2 Sheets)

(Compl. Specn. 13 Pages;

Drgs. 2 Sheets)



Ind. Cl. : 32 C

183055

Int. Cl.<sup>4</sup> : C 13 J 13/00**A METHOD FOR THE PREPARATION OF ETHEREALLY SUBSTITUTED MONOSACCHARIDES.**

Applicant : DEXTER CHEMICALS (I) PVT. LTD. R & D DEPARTMENT, OF MATHANA CHOWKI, LADWA ROAD, MATHANA, KURUKSHETRA, (HARYANA), INDIA AN INDIAN COMPANY.

Inventors :

SUDERSHAN KUMAR ARORA, INDIA.

SOM NATH DHAWAN, INDIA.

PETER J. SCHIED, US.

VARINDER PAL, INDIA.

Kind of Application : Provisional Complete.

Application for Patent No. 220/Del/93 filed on 09th March, 93.

Complete left after Provisional specification filed on 09th March, 94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

## 13 Claims

A method for the preparation of ethereally substituted monosaccharides as herein described comprising preparing a blocked acetal monosaccharide, by mixing together, a partially blocked acetal of a monosaccharide, an alkyl halide and an alkali base in the absence of solvent, heating said mixture to a temperature of 40-100° C so to allow said mixture to react, keeping said mixture at a temperature of 100 to 140°C for a time sufficient to form an ethereally substituted acetal blocked monosaccharide, removing by any known method any unreacted alkyl halide from said mixture under reduced pressure and recovering said ethereally substituted acetal blocked monosaccharide.

Agent : L. S. Davar.

(Provl. Specn. 15 Pages;

Drgs. 1 Sheet)

(Compl. Specn. 25 Pages;

Drgs. 1 Sheet)

Ind. Cl. : 55 D<sub>1</sub>

183056

Int. Cl.<sup>4</sup> : A 61 K, 31/00, A 01 N 65/00**A PROCESS FOR THE PREPARATION OF STORAGE STABLE NEEM SEED EXTRACT.**

Applicant : ROHM AND HAAS COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF INDEPENDENCE MALL WEST, PHILADELPHIA PENNSYLVANIA 19105, UNITED STATES OF AMERICA.

Inventor : ZEV LIDERT, U.S.A.

Kind of Application : Complete.

Application for Patent No. 758/Del/93 filed on 20th July, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

## 6 Claims

A process for the preparation of storage neem seed extract containing 1% to 85% azadirachtin which comprises :

- (a) deoiling in any conventional manner ground neem seeds, neem kernels or partially deoiled seeds using hexane to obtain a deoiled cake,

- (b) extracting the deoiled cake in any conventional manner with methanol followed by filtration,

- (c) forming an aqueous methanol phase having a final methanol to water ratio of 5-95 to 45-55 in a manner described herein before,

- (d) separating in any conventional manner the aqueous methanolic phase from any solid impurities,

- (e) diluting the aqueous methanolic mixture with an aqueous salt solution,

- (f) extracting in any conventional manner the dilute solution with a water immiscible solvent preferably ethyl acetate.

- (g) drying the resulting organic solution and, if desired, removing the solvent.

- (h) if desired, treating the extract of step (f) or (g) above with an oxidizing agent of the kind such as herein before described, and

- (i) optionally converting the stabilized extract into a wettable extract.

Agent : REMFRY &amp; SAGAR.

(Compl. Specn. 15 Pages;

Drgs. Sheet Nil)

Ind. Cl. : 32 F.b

183057

Int. Cl.<sup>4</sup> : C 07 C 55/14**AN IMPROVED PROCESS FOR THE PREPARATION OF ADIPIC ACID BY THE OXIDATION OF CYCLOHEXANE USING A COBALT CATALYST WITH SIMULTANEOUS RECOVERY OF THE CATALYST.**

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJI MARG, NEW DELHI-110001, INDIA.

Inventors :

GIRENDRA NARAIN KULSRESTHA, INDIA.

MAHENDRA PRATAP SAXENA, INDIA.

GIRISH CHANDRA JOSHI, INDIA.

Kind of Application : Complete.

Application for Patent No. 1239/Del/93 filed on 5-11-93.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

## 7 Claims

An improved process for the preparation of adipic acid by the oxidation of cyclohexane using a cobalt catalyst with simultaneous recovery of the catalyst which comprises contacting cyclohexane in acetic acid solution, a cobalt catalyst such as herein described and oxygen at a temperature in the range of 80-120°C, distilling the resulting mixture containing the catalyst, unreacted cyclohexane, water, acetic acid and other oxidation products, vacuum distilling the residue to recover the remaining acetic acid and other lighter products, recycling the above said two distillates, if desired, leaching the resultant residue containing the catalyst and crude adipic acid with a solvent comprising of ester(s) of C<sub>2</sub>-C<sub>4</sub> monocarboxylic acid with C<sub>1</sub> to C<sub>3</sub> primary or secondary alcohols wherein ratio of solvent to residue ranges from 10 to 100 at a temperature in the range of 10 to 85°C for separating the catalyst and recovering adipic acid after removing the solvent by conventional methods.

(Compl. Specn. 9 Pages, ;

Drgs. Nil Sheets)



Ind. Cl. : 55 F.

183058

Int. Cl.<sup>1</sup> : A 61 K 9/00.

## PREPARATION OF CROSSLINKED ANION EXCHANGE PARTICLES.

Applicant ROHM AND HAAS COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF DELAWARE, UNITED STATES OF AMERICA, OF 100 INDEPENDENCE MAIL WEST, PHILADELPHIA, PENNSYLVANIA 19106-2399.

Inventors :

1. PAUL EDWARD BLIEM
2. LARRY WAYNE STEFFIER

Application for the Patent No. 0022/Del/95 filed on 11-1-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch New Delhi-110 005.

## 17 Claims

A process for the preparation of substantially water insoluble bile acid sequestrant polymer particles; comprising :—

(a) Polymerizing a monomer charge comprising one or more amine-containing monomers by free-radical polymerization; and (b) non-free radical crosslinking with one or more polyfunctional amine reactive compounds, the non-free radical crosslinking occurring before and/or during and/or after step (a);

to provide polymer particles having bile acid sequestering efficacy greater than that of cholestyramine, provided that the amine-containing monomers(s) contain amine functionality that is not directly attached to a vinyl group in the case where step (b) is conducted after step (a) and further provided that step (b) occurs during step (a) in the case where the monomer charge of step (a) comprises one or more free-radical reactive polyvinyl crosslinking monomers.

Agent : Remfry and Sagar.

(Compl. Specn. : 26 pages;

Drwg. : Nil)

Ind. Cl. : 55E.

183059

Int. Cl.<sup>1</sup> : A 61 K 9/00.

## A PROCESS FOR PREPARING A SYNERGISTIC HOMEOPATHIC COMPOSITION FOR THE TREATMENT OF TRAUMA.

Applicant : SBI LIMITED, AN INDIAN COMPANY OF 14 & 15, "ARUNACHAL", 19 BARAKHAMBA ROAD, NEW DELHI-110 001, INDIA.

Inventors :

1. DR. JUGAL KISHORE-INDIAN
2. OM PRAKASH JAIN-INDIAN
3. DR. BEENA THOMAS-INDIAN

Kind of Application : Complete.

Application for Patent No. 60/Del/95 filed on 17th Jan., 95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch New Delhi-110 005.

## 2 Claims

A process of preparing a synergistic homeopathic composition for the treatment of trauma, said process comprising :

(i) Obtaining extracts of the following herbal plants in any known manner with ethyl alcohol in the ratio of 1:9.

Arnica Montana (Dried Root)  
Bellis Perennis (Whole fresh plant)  
Hypericum Perforatum (Whole plant)  
Ledum Palustre (Fresh Herbs)  
Rhus Toxicodendron (Fresh leaves)  
Staphysagria (Seeds)  
Symphytum Officinale (Seeds)

(ii) potentizing individually in any known manner the said solution of herbal extracts and also potentizing Natrum Sulphuricum (Potassium X sulphate) in alcohol or water at the ratio 1:99 to obtain the power of 30—200.

(iii) mixing the above ingredient in equal proportions by volume/weight at ambient temperatures to obtain the composition.

Agent : The Acme Company.

(Compl. Specn. : 8 pages;

Drwg : Nil)

Ind. Cl. : 55 E.

183060

Int. Cl.<sup>4</sup> : A 61 K, 35/78.

## A PROCESS OF PREPARING A SYNERGISTIC HOMEOPATHIC COMPOSITION FOR THE TREATMENT OF JAUNDICE, FATIGUE, TIREDNESS, MALAISE, ANOREXIA, NAUSEA.

Applicant : SBI LIMITED, AN INDIAN COMPANY OF 14 & 15, "ARUNACHAL" 19, BARAKHAMBA ROAD, NEW DELHI-110 001, INDIA.

Inventors :

1. DR. JUGAL KISHORE—INDIAN
2. Mr. OM PRAKASH JAIN—INDIAN
3. DR. BEENA THOMAS—INDIAN

Kind of Application : Complete.

Application for Patent No. 608/Del/95 filed on 31st March 95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch New Delhi-110 005.

## 2 Claims

A process of preparing a synergistic homeopathic composition for the treatment of jaundice, loss of appetite, sluggish liver, alcoholism and enlargement of liver comprising:

(i) Obtaining individually extracts of the following herbal plants in a known manner with alcohol in the ratio 1 : 9.

Andrographis Paniculata—Whole plant  
Carduus Marianus—Flowering plant  
Chelidonium Majus—Fresh plant including roots  
Chionanathus Virginica—Fresh bark  
Hydrastis Canadensis—Fresh root  
Ipecacuanha—Dried root  
Podophyllum Peltatum—Fresh root  
Taraxacum—Whole plant

(ii) mixing all the ingredients with sugar syrup in proportions ranging from 1% to 5% V/V.

(iii) adding preservatives such as methyl parabin and propyl parabin to the said composition.

(iv) adding purified water to make up the volume.

(v) filtering the said composition.

Agent : The Acme Company.

(Compl. Specn. : 11 pages;

Drwg. : Nil)



CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT,  
1970

In pursuance of leave granted under Section 20(1) of the Patents Act, 1970 application No. 579/Cal/93 (180966) made by Kerr-Mcgee Chemical Corporation has been allowed to proceed in the name of Kerr-Mcgee Chemical Llc.

## AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by Stewart Hughes Limited, Hampshire, United Kingdom in respect of Patent Application No. 188/Mas/88 (171024) as advertised in Part III, Section 2 of the Gazette of India and no opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments proposed by Ohio Electronic Engravers Inc. in respect of Patent Application No. 181562 (67/Cal/94) as advertised in Part-III, Section-2 of the Gazette of India on 03-04-1999 and no opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments proposed by E. I. DU Pont De Nemours and Company, in respect of Patent Application No. 181709 (14/Cal/95) as advertised in Part-III, Section-2 of the Gazette of India on 27-02-1999 and no opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments proposed by E. I. DU Pont De Nemours and Company, in respect of Patent Application No. 181714 (790/Cal/93) as advertised in Part-III, Section-2 of the Gazette of India on 20-02-1999 and no opposition being filed within the stipulated period, the said amendments have been allowed.

The amendments proposed by E. I. DU Pont De Nemours and Company, in respect of Patent Application No. 181958 (894/Cal/94) as advertised in Part-III, Section-2 of the Gazette of India dated 20-02-1999 and no opposition being filed within the stipulated period, the said amendments have been allowed.

## RENEWAL FEES PAID

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## CESSATION OF PATENTS

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## PATENT SEALED ON 30-07-99

176378 179763\* 180037\* 180702\* 181365\* 181651 181652  
181654 181655 181656 181658 181659 181666\*D 181667\*  
181670 181671\* 181672\*D 181674 181677 181678 181679  
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181752\* 181755\*D 181757\*D 181759\*F 181760\*D 181768  
181733\* 181776 181777\* 181778\*F 181779\*D 181780\*D  
181794 181797 181803 181804 181805 181808.

Cal-34, Del-01, Mum-10, Chen-07.

\*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D Drug Patents

F Food Patents

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of the registration included in the entries.

Class 1. Nos. 176609 & 176610. Texla Plastics & Metals Pvt. Ltd. of 6-B, Mathura Road, Jangpura, Bhopal, New Delhi-110014, India. Indian Co. "Road Stud". June 8, 1998.

Class 1. No. 176617. Hunter Fan Co., a corporate organisation, of 2500 Frisco Avenue, Memphis, Tennessee 38114, USA "Blade iron for a ceiling fan". June 8, 1999.

Class 1. No. 176618. Hunter Fan Co., a corporate organisation, of 2500 Frisco Avenue, Memphis, Tennessee 38114, USA. "Housing combined with light kit for a ceiling fan". June 8, 1999.



- Class 1. No. 176619. Hunter Fan Co., a corporate organisation, of 2500 Frisco Avenue, Memphis, Tennessee 38114, USA. "Motor Housing for a ceiling fan", June 8, 1999.
- Class 3. No. 176601. Dart Industries Inc. of 14901, South Orange Blossom Trail, Orlando, Florida 32837. "Liquid Pourer". June 5, 1998.
- Class 3. No. 176602. Dart Industries Inc. of 14901, South Orange Blossom Trail, Orlando, Florida 32837. "Container". June 5, 1998.
- Class 3. No. 176603. Dart Industries Inc. of 14901, South Orange Blossom Trail, Orlando, Florida 32837. "Ice cream maker". June 5, 1998.
- Class 3. No. 176604. Dart Industries Inc., of 14901, South Orange Blossom Trail, Orlando, Florida 32837. "Ice cream maker set with tray". June 5, 1998.
- Class 3. No. 176605. Dart Industries Inc. of 14901, South Orange Blossom Trail, Orlando, Florida 32837. "Lunch box". June 5, 1998.
- Class 3. No. 176606. The Goodyear Tire & Rubber Co. of 1144 East Market Street, Akron, Ohio-44316-0001, U.S.A. "Tyre Tread". June 8, 1988.
- Class 3. No. 176611. Texla Plastics & Metals Pvt. Ltd. of 6-B, Mathura Road, Jangpura, Bhopal, New Delhi-110014, India, an Indian Co. "Reflector". June 8, 1998.
- Class 3. No. 176612. Texla Plastics & Metals Pvt. Ltd. of 6-B, Mathura Road, Jangpura, Bhopal, New Delhi-110014, India, an Indian Co. "Spring Post". June 8, 1998.
- Class 3. No. 176613. Texla Plastics & Metals Pvt. Ltd. of 6-B, Mathura Road, Jangpura, Bhopal, New Delhi-110014, India, an Indian Co. "Delineator". June 8, 1998.
- Class 3. No. 176614. Texla Plastics & Metals Pvt. Ltd. of 6-B, Mathura Road, Jangpura, Bhopal, New Delhi-110014, India, an Indian Co. "Guide Post". June 8, 1998.
- Class 3. No. 176620. Selvel Industries, 3, Vakil Industrial Estate, Walbhat Road, Goregaon ((East) Mumbai-400063, Maharashtra, India, Indian Proprietary Firm. "Jug". June 9, 1998.
- Class 3. No. 176621. Selvel Industries, 3, Vakil Industrial Estate, Walbhat Road, Goregaon ((East) Mumbai-400063, Maharashtra, India, Indian Proprietary Firm. "Jug". June 9, 1998.

A. E. AHMED

Controller General of Patents Designs and  
Trade Marks

प्रबन्धक, भारत सरकार मद्रासालय, करीदाबाद द्वारा मद्रित

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1999

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